

1/10

## % SEQUENCE SIMILARITY TO HUMAN OP-1 SEVEN-CYSTEINE DOMAIN

SEQUENCE	% SIMILARITY	% NON CONSERVATIVE
hOP-1	100	0
mOP-1	100	0
hOP-2	97	3
mOP-2	97	3
BMP-5	97	3
BMP-6	96	4
Vgr-1(PT)	94	6
OP-3	91	9
60A	90	10
BMP-4	90	10
BMP-2	89	11
dpp	87	13
UNIVIN	87	13
dpp(PT)	86	14
Vg-1	86	14
CDMP-1	85	15
CDMP-3	83	17
GDF-3	83	17
CDMP-2	82	18
DORSALIN	79	21
GDF-1(PT)	78	22
GDF-10	78	22
BMP-3b	78	22
BMP-10	78	23
BMP-3	78	23
SCREW	77	23
ADMP	77	24
TGF- $\beta$ 2	73	27
GDF-1	73	28
BMP-9	73	28
NODAL	71	29
Inhibin $\beta$ A	71	29
BMP-15	71	29
TGF- $\beta$ 3	69	31
Inhibin $\beta$ B	69	31
Inhibin $\beta$ C	69	31
TGF- $\beta$ 5	67	33
TGF- $\beta$ 1	67	33
GDF-12	67	33
GDF-11	66	34
TGF- $\beta$ 4	66	34
GDF-9	66	34
GDF-8	64	36
BMP-11	60	40
GDNF	49	51

FIG. 1

APPROVED BY	O.G. FIG.	CLASS/SUBCLASS
	DRAFTSMAN	

005007" 24960550

2/10

APPROVED	O.G. FIG.
	CLASS/SUBCLASS
BY	
DRAFTSMAN	

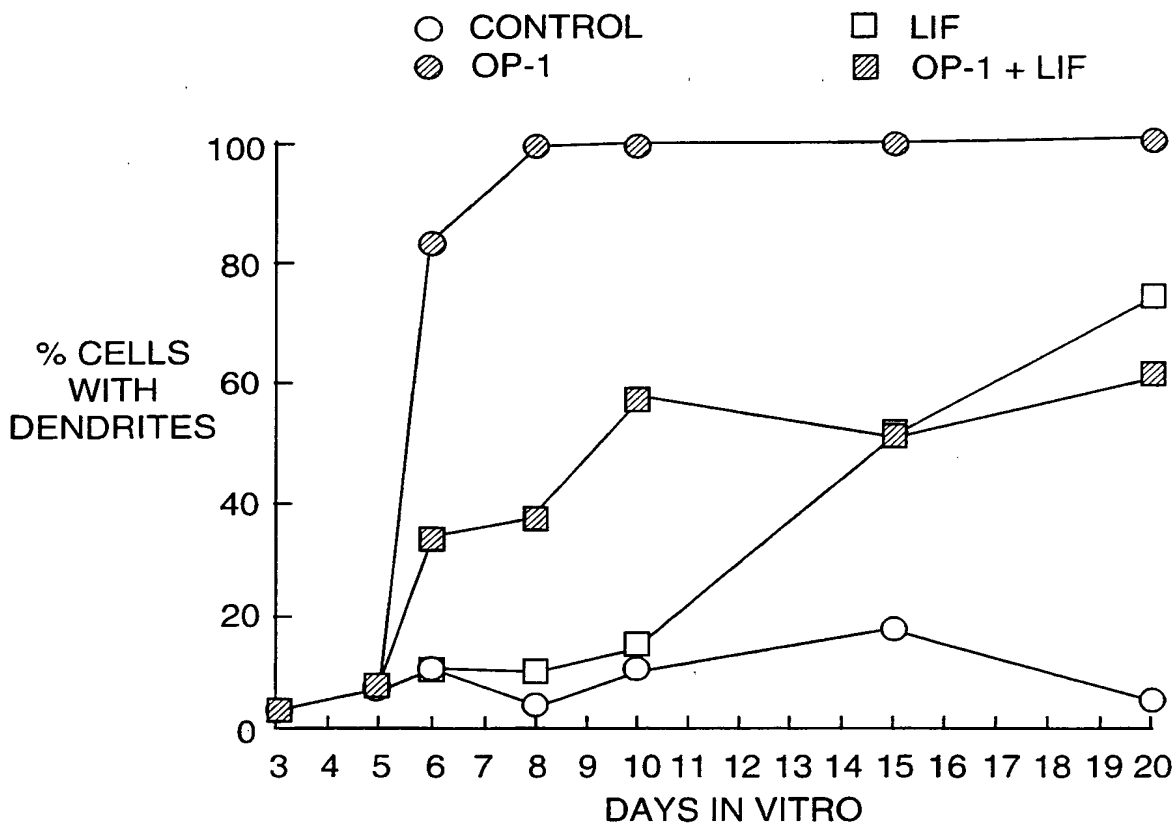


FIG. 2A

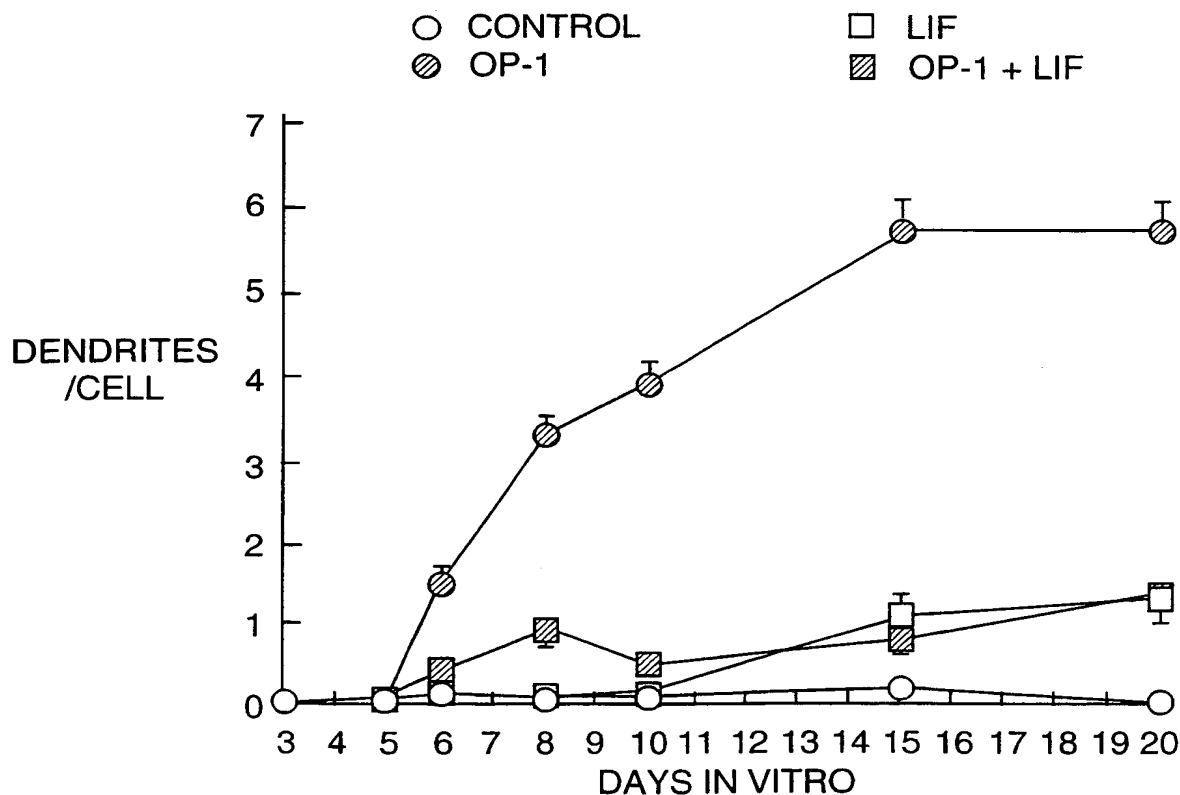


FIG. 2B

00500T" 84960560

3/10

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

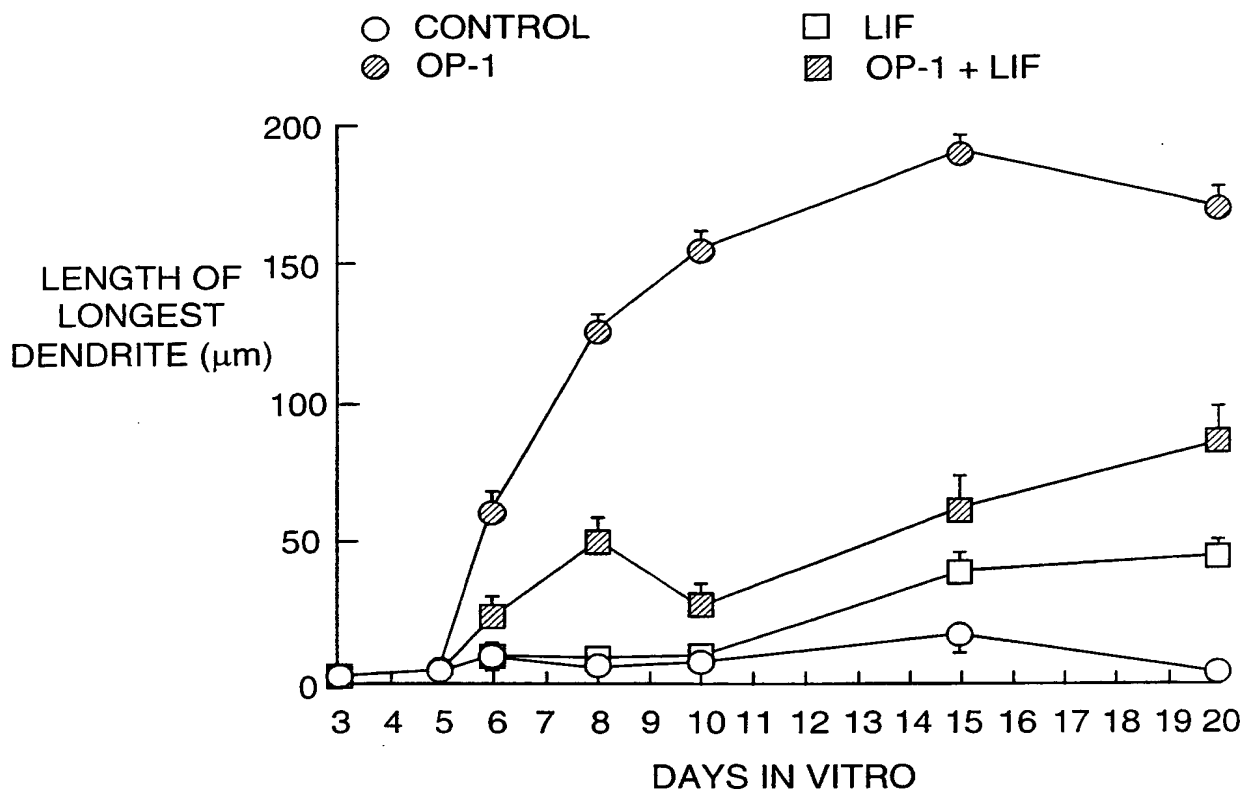


FIG. 2C

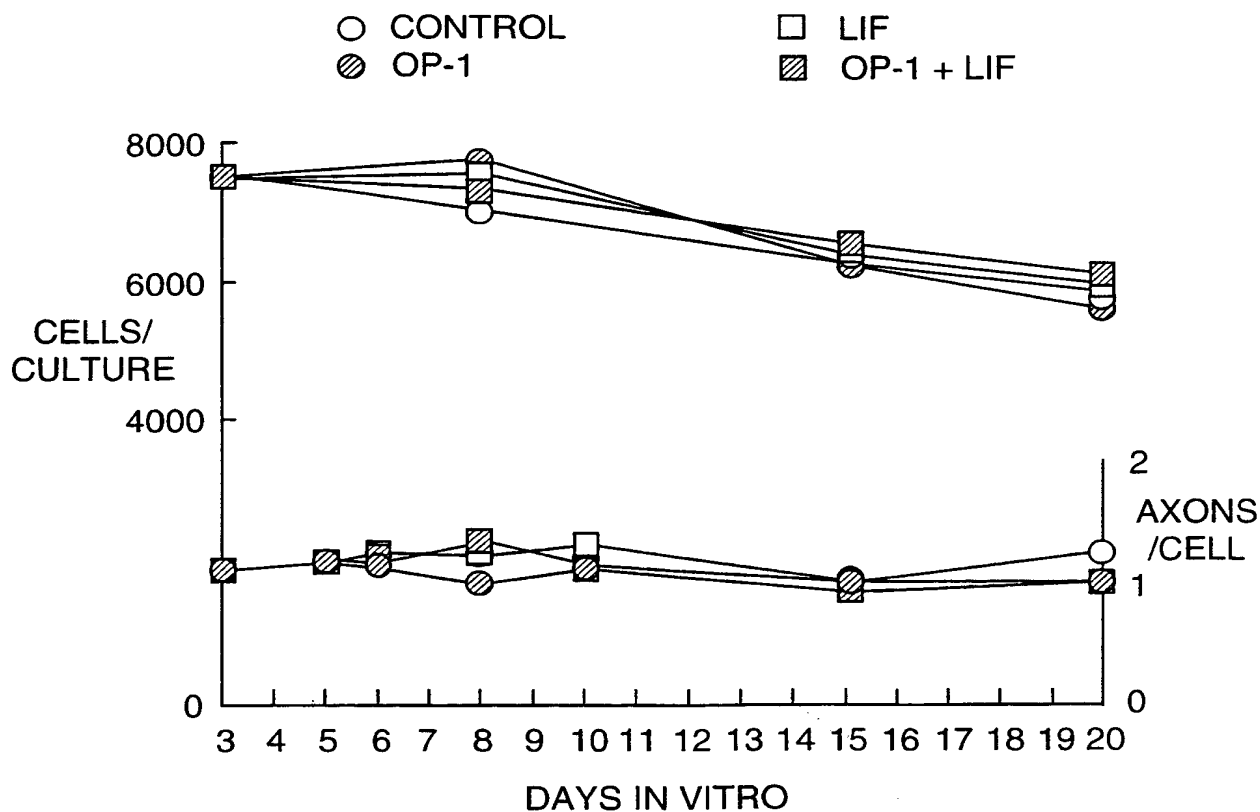


FIG. 2D

005001" 84960560

4/10

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

005007" 84960560

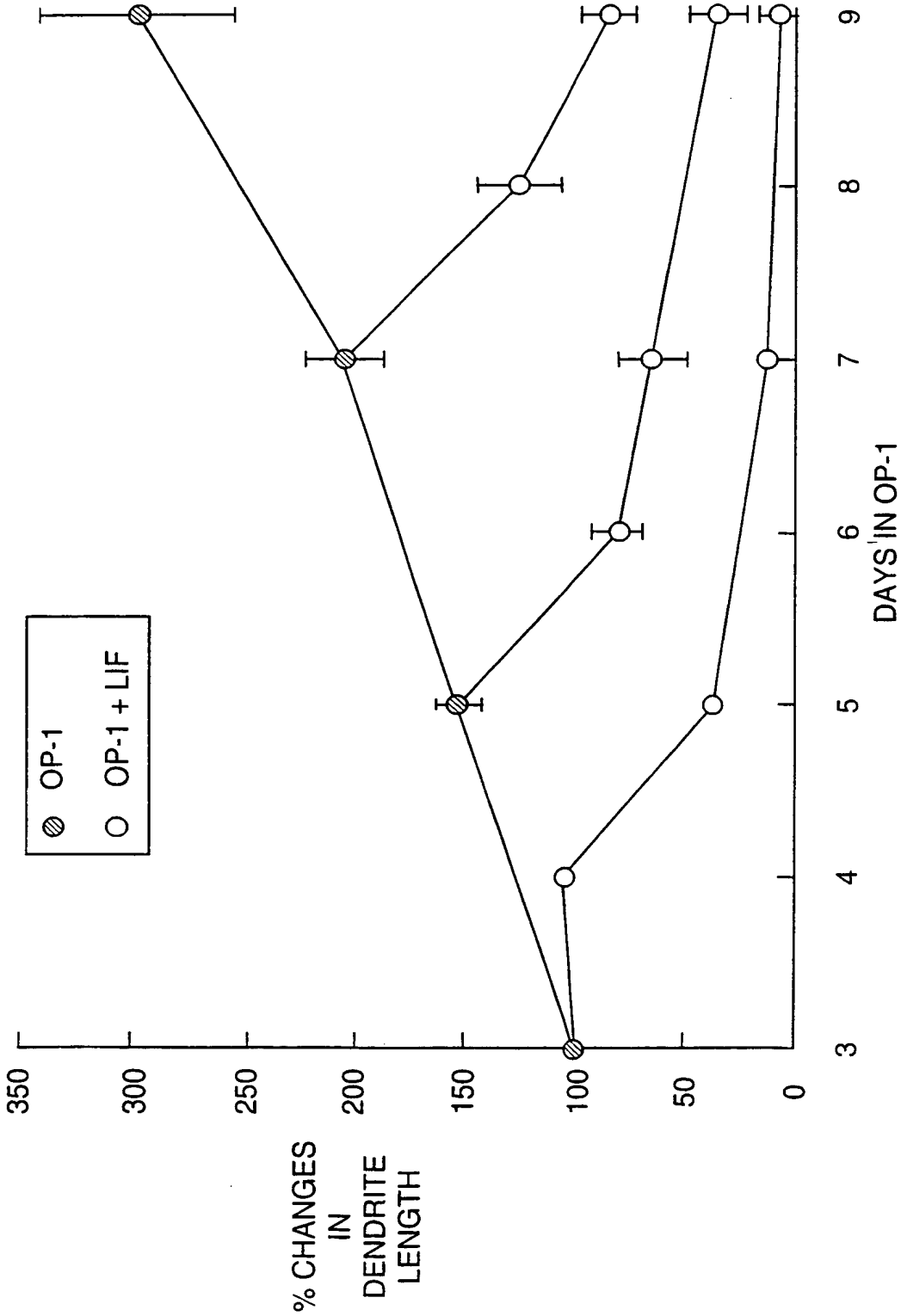


FIG. 3

5/10

APPROVED BY	O.G. FIG.
	CLASS/SUBCLASS
DRAFTSMAN	

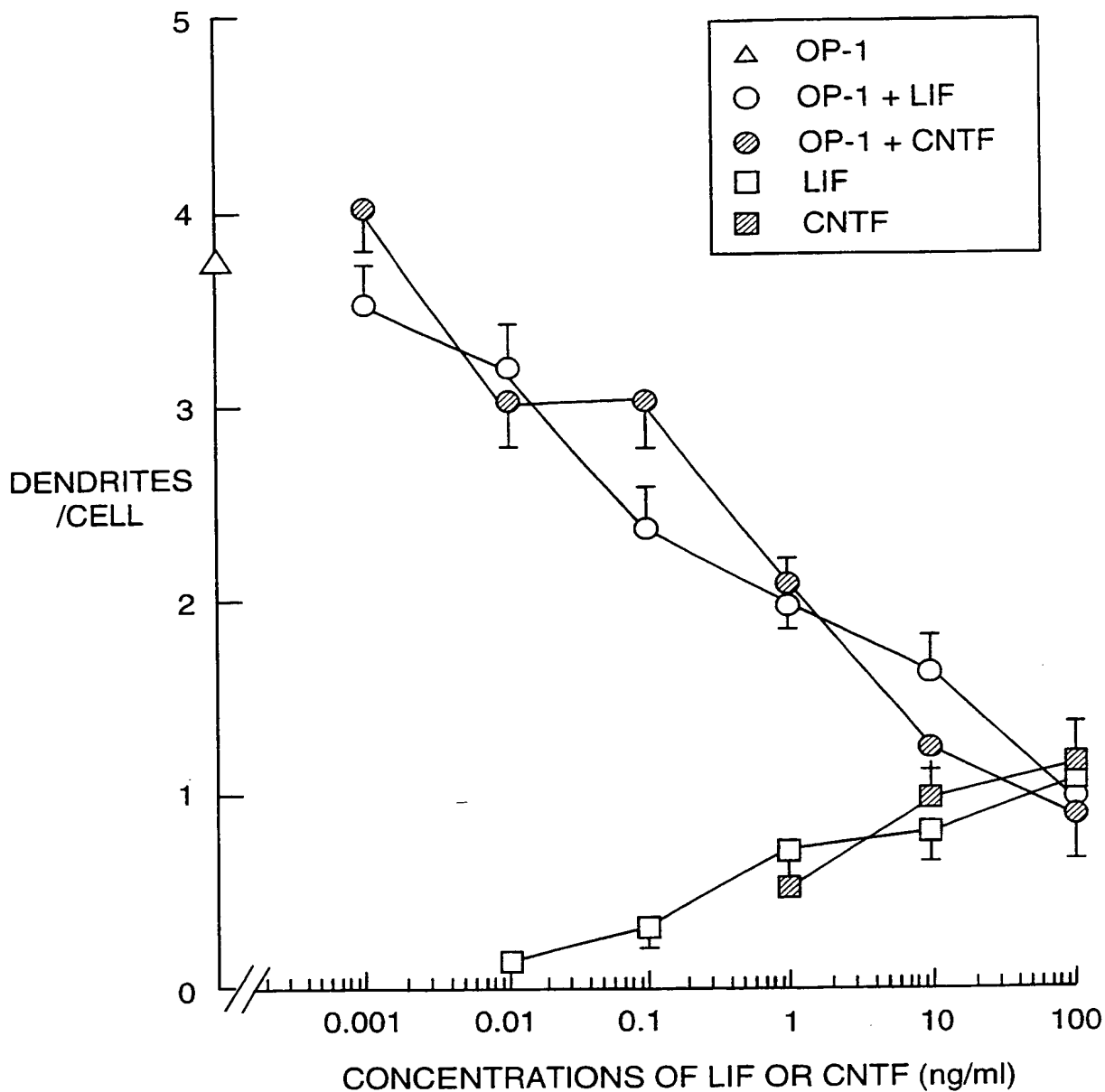


FIG. 4

6/10

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS/SUBCLASS

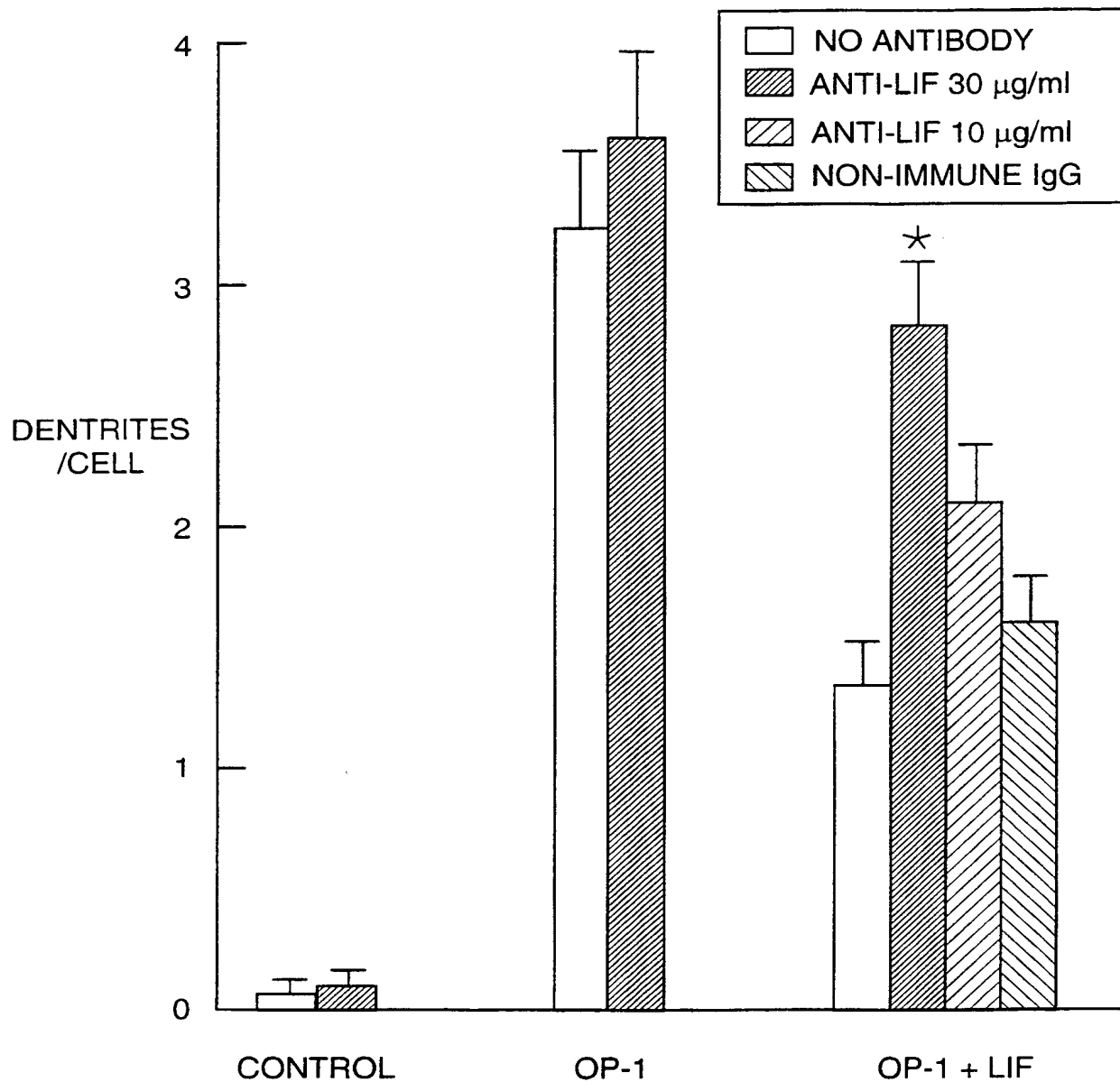


FIG. 5

7/10

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

005001" 84960560

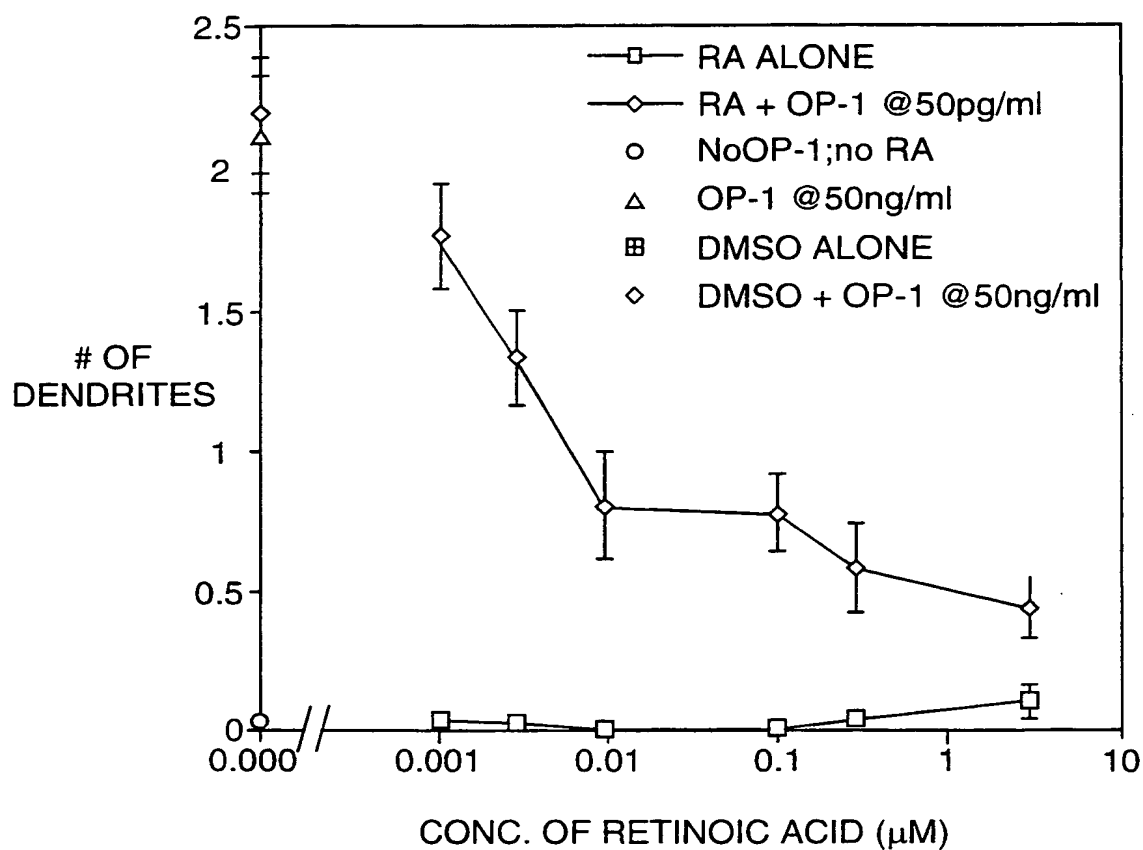


FIG. 6

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

DOSE DEPENDENT INHIBITION OF DENDRITIC  
GROWTH BY RETINOIC ACID

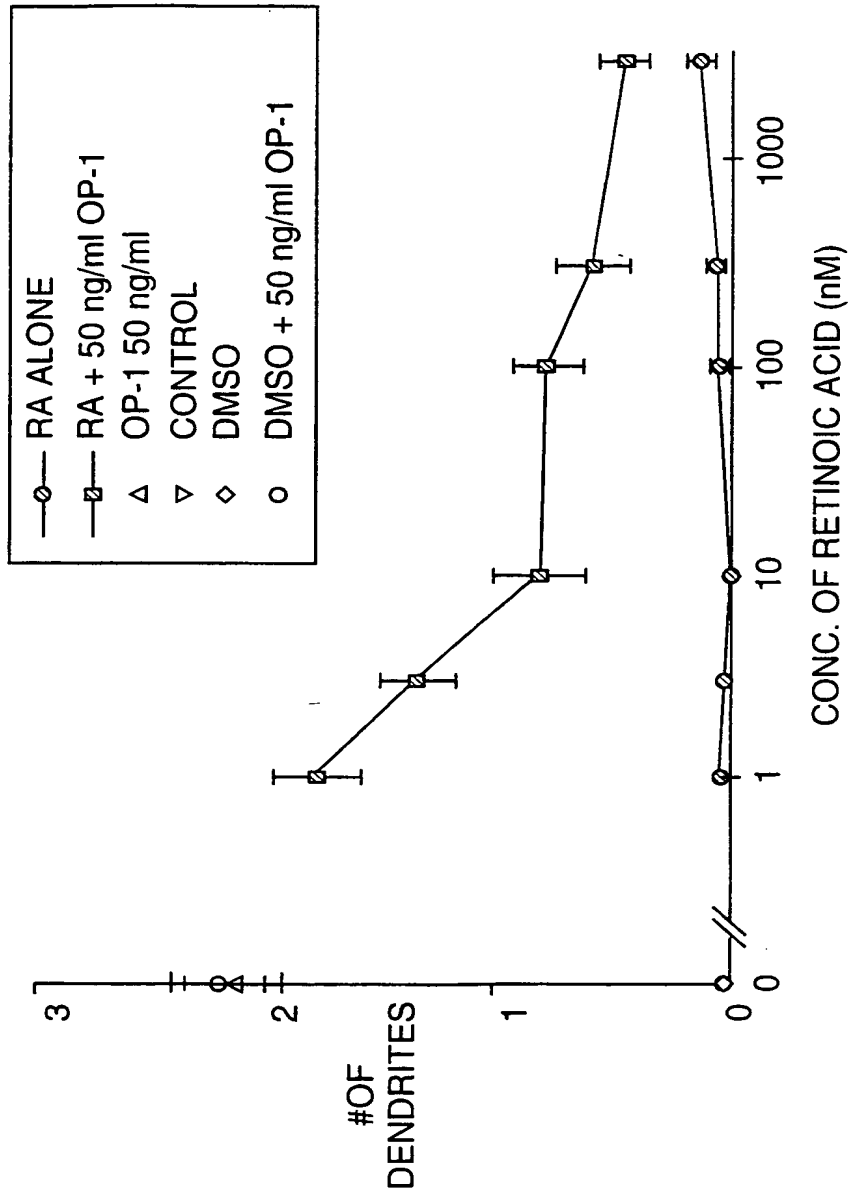


FIG. 7



9/10

APPROVED BY	O.G. FIG.
	CLASS/SUBCLASS
DRAFTSMAN	

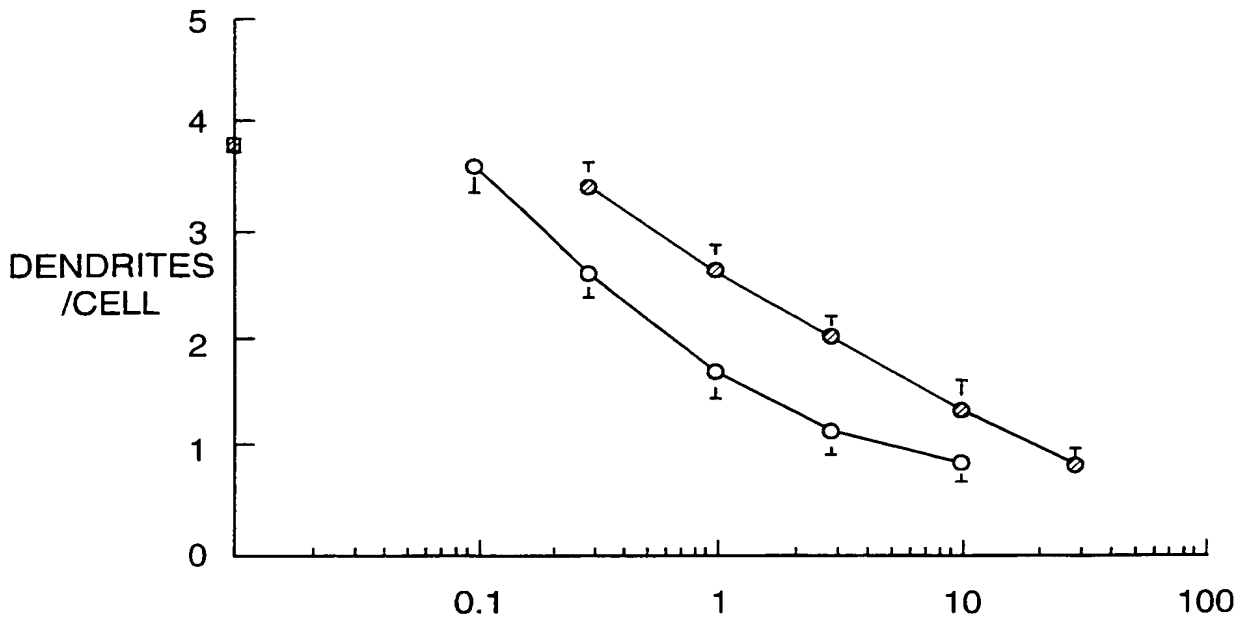


FIG. 8A

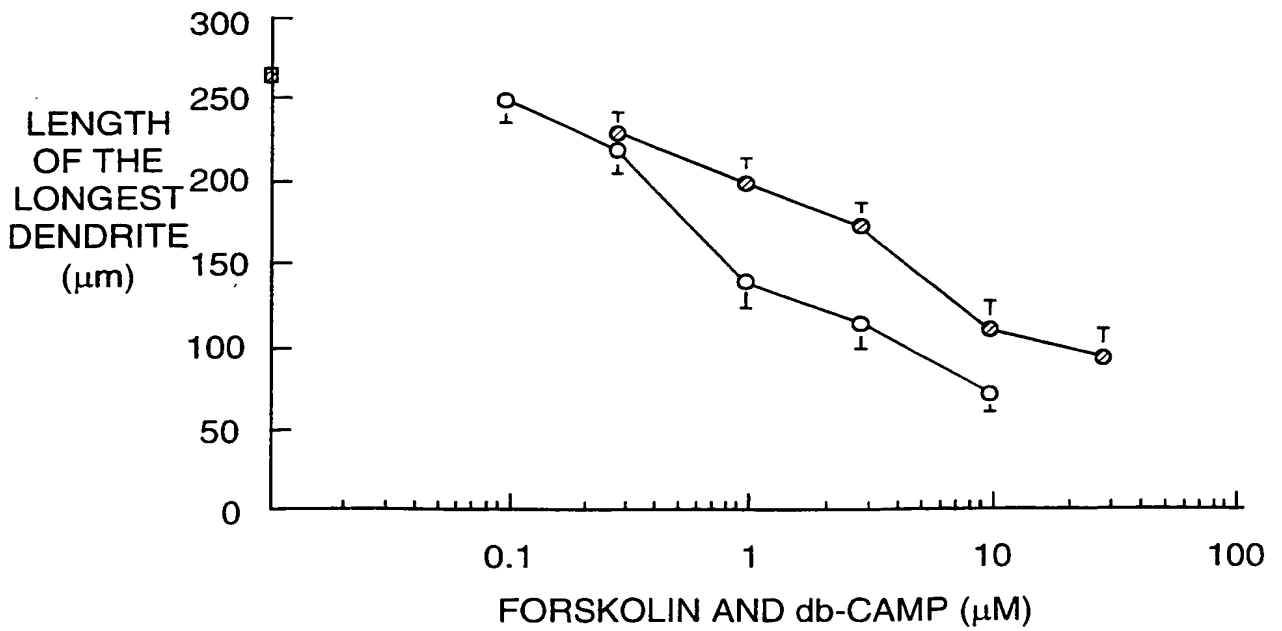
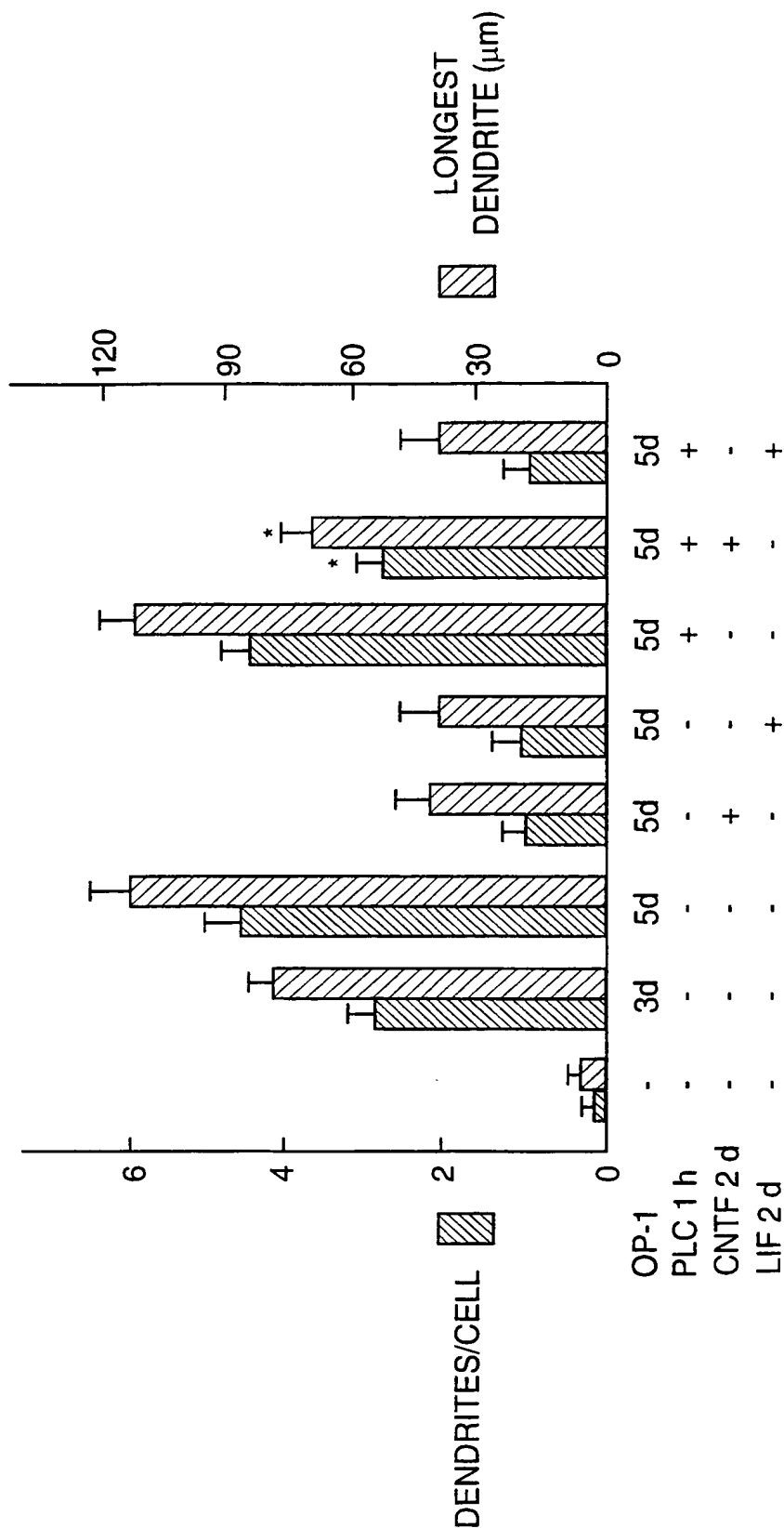


FIG. 8B



**FIG. 9**